

Figure 1

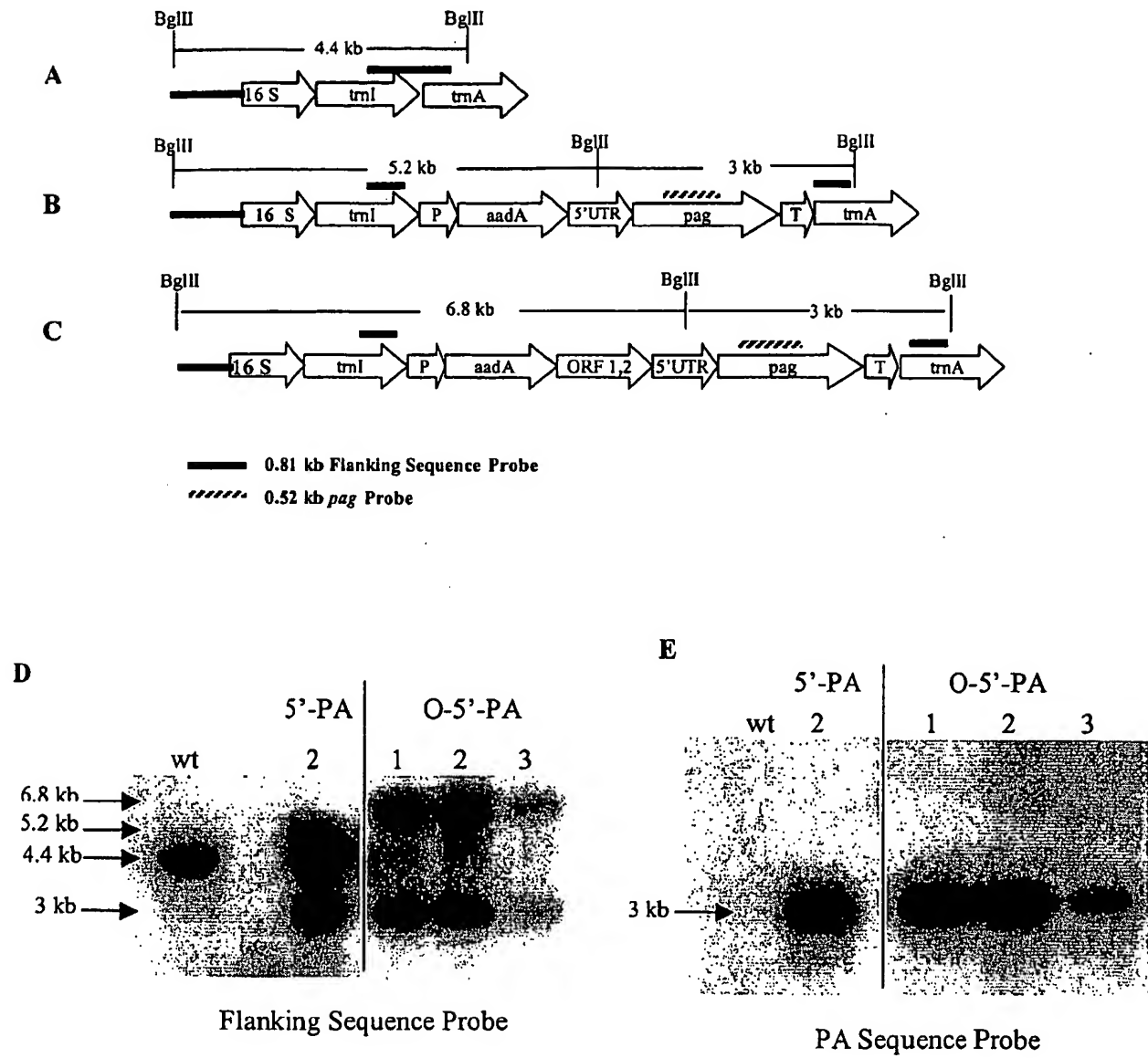


Figure 2

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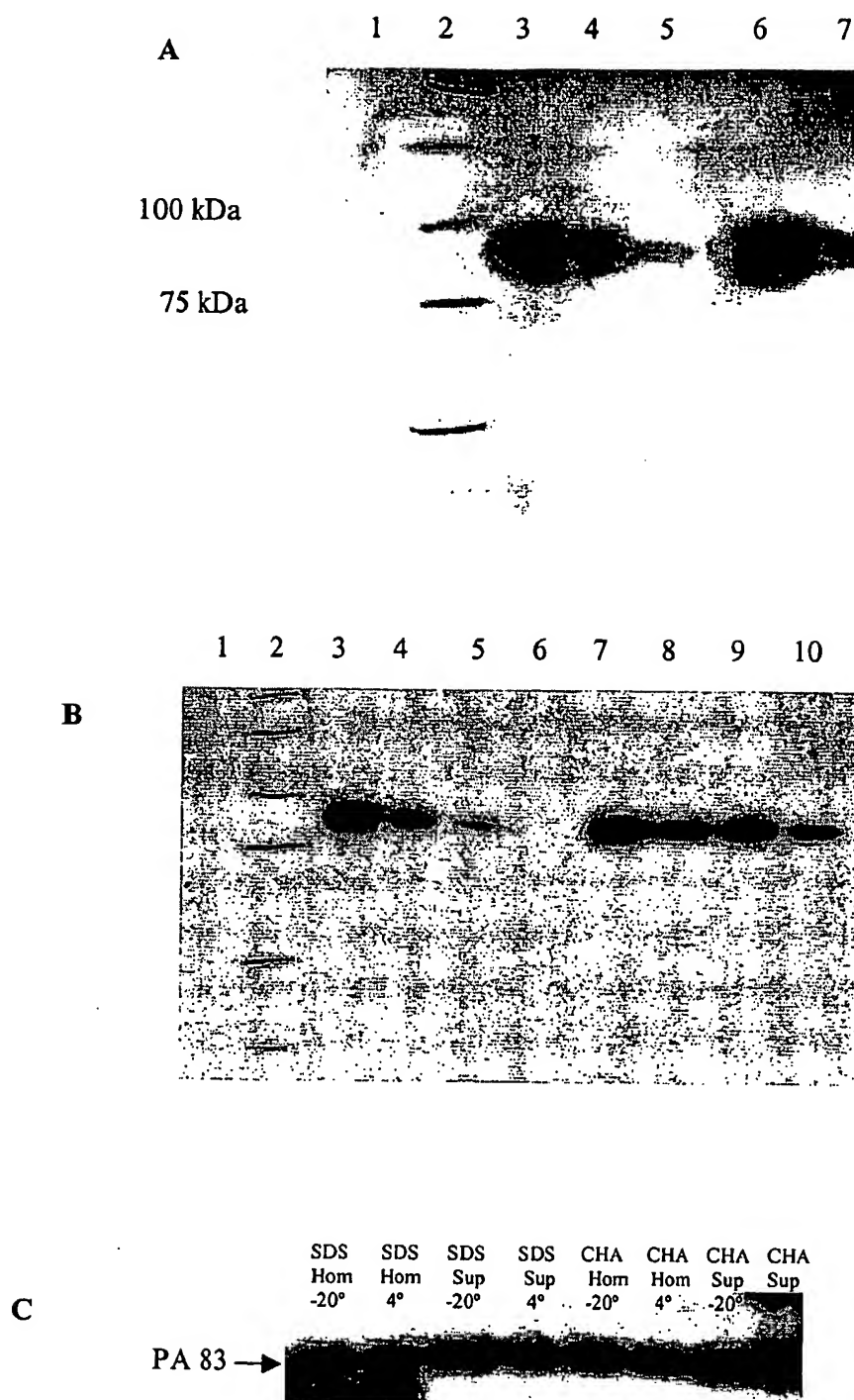


Figure 3

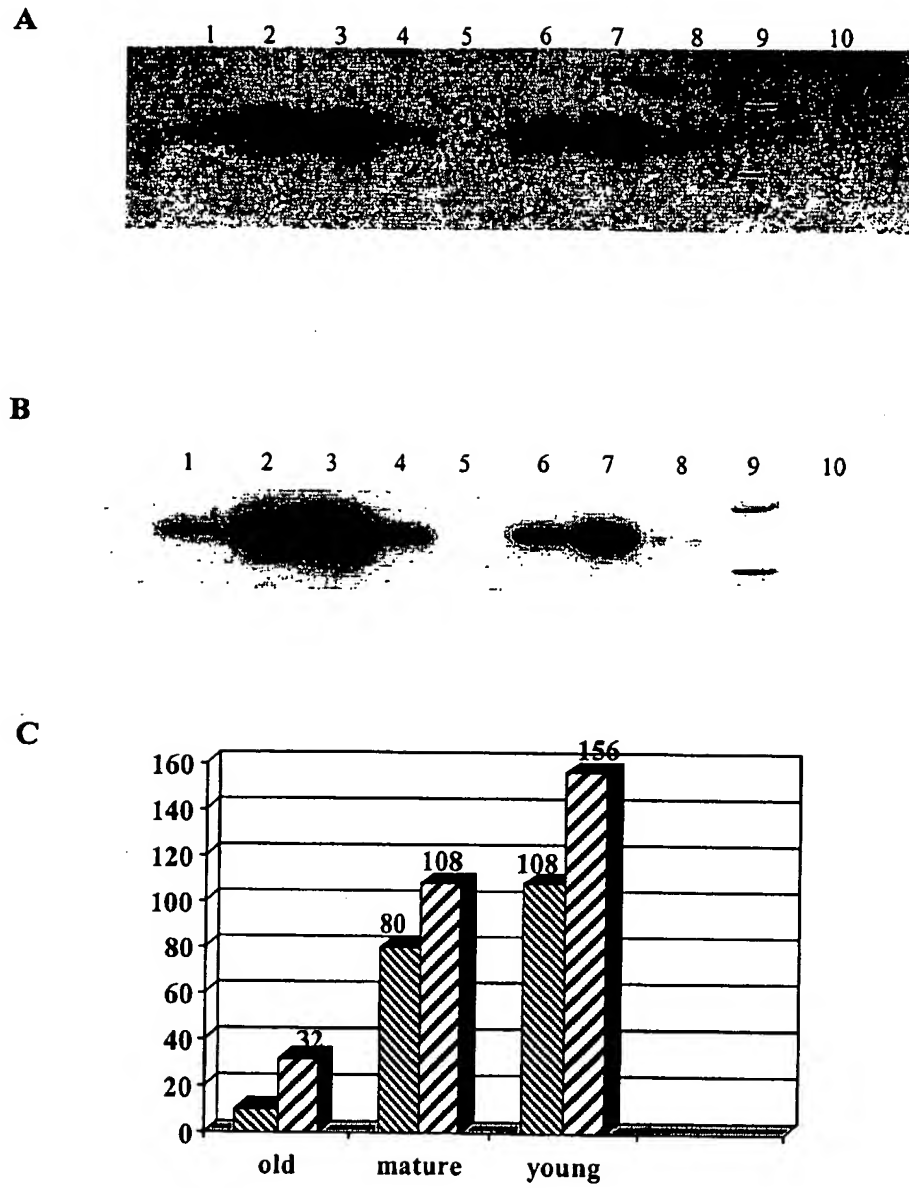


Figure 4

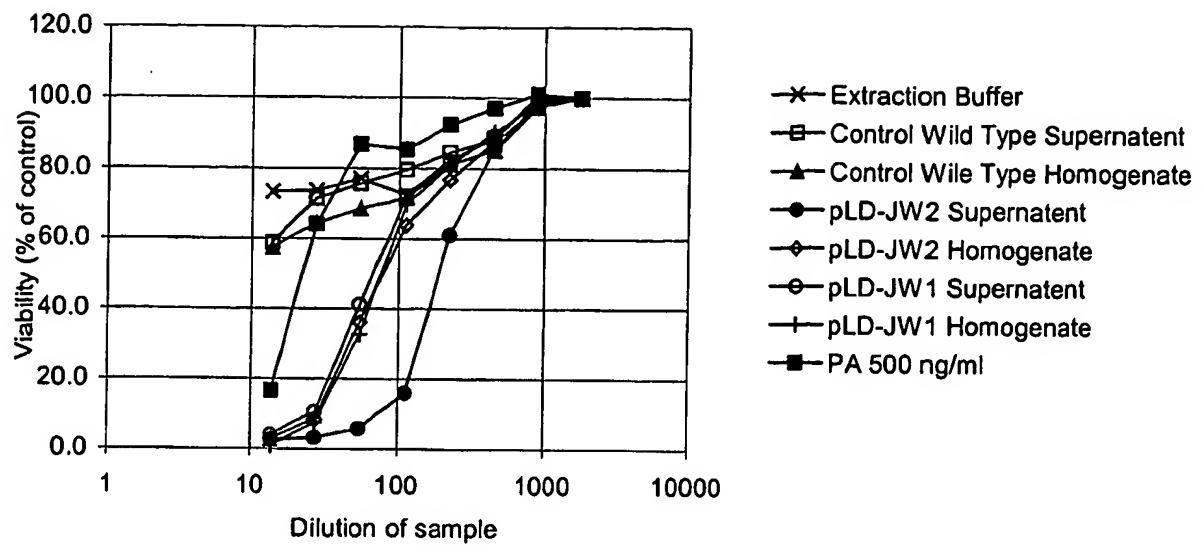


Figure 5A

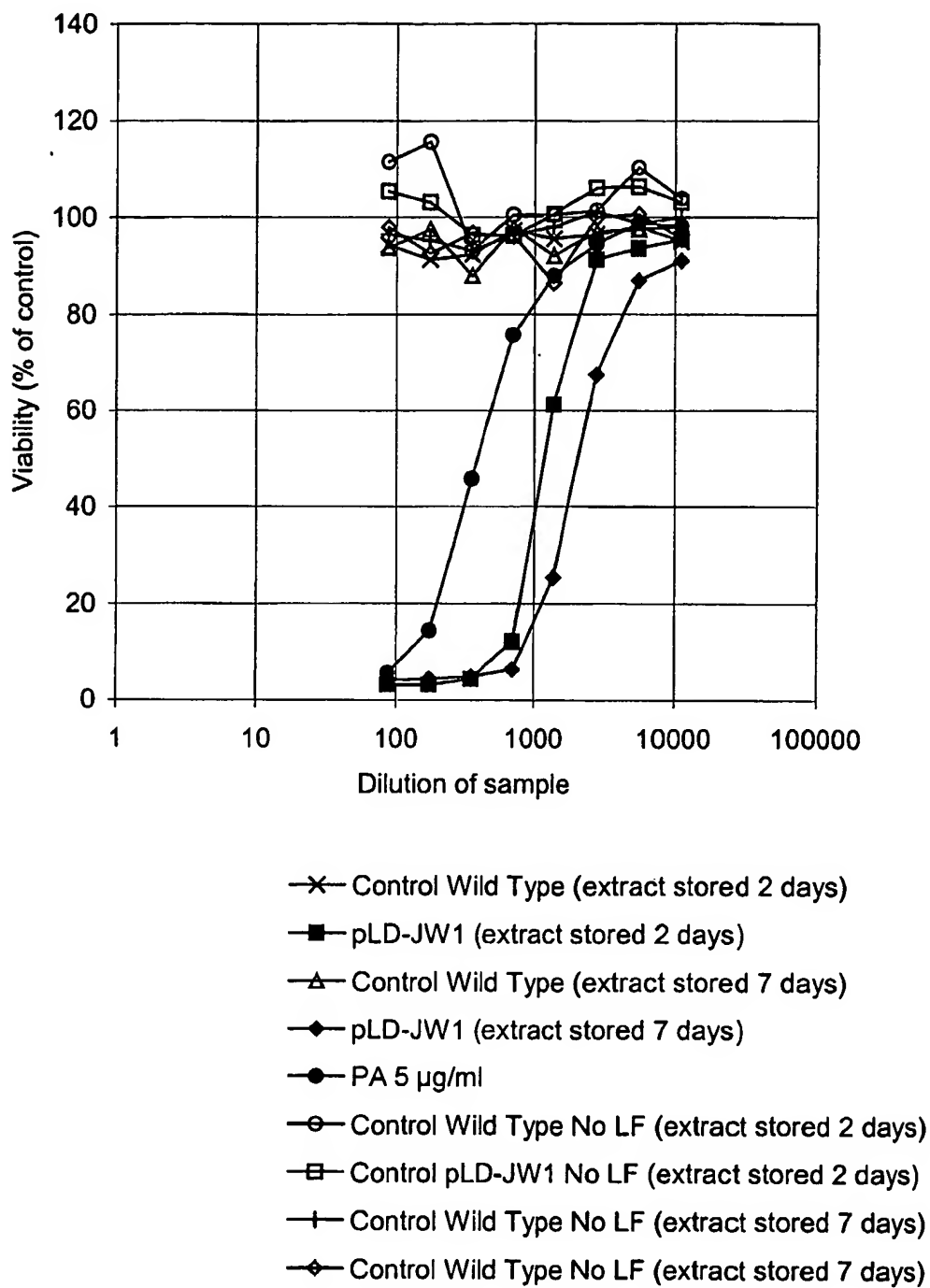


Figure 5B

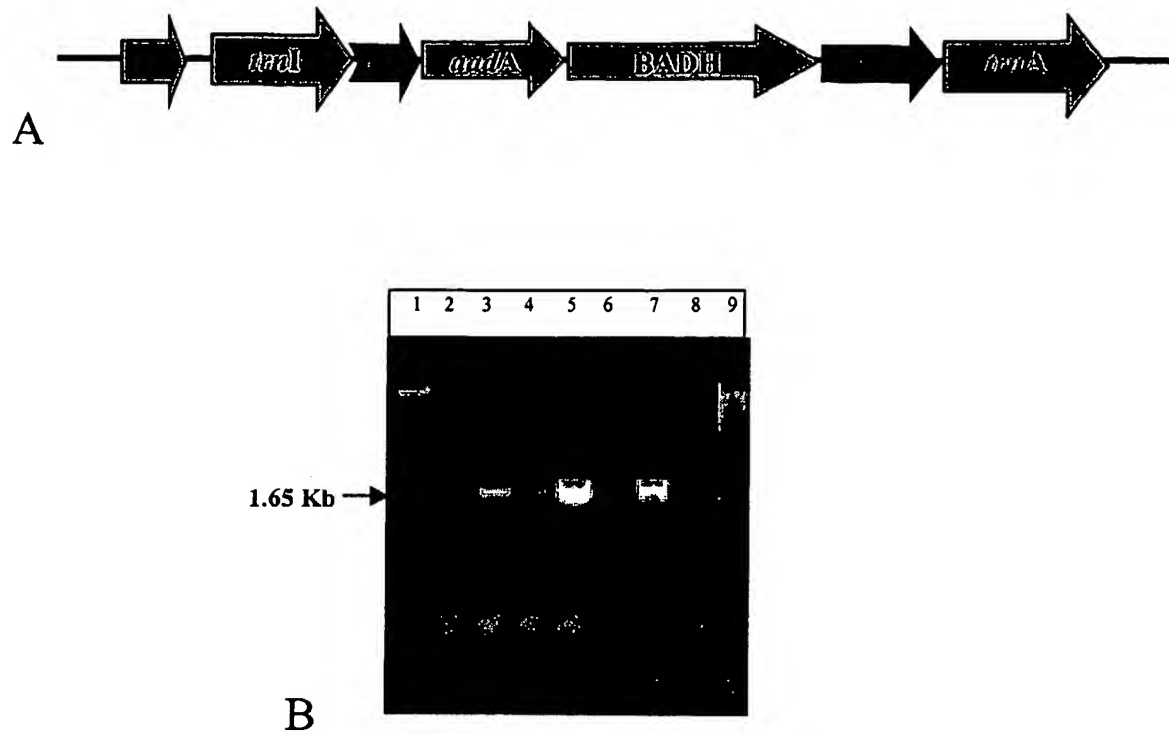
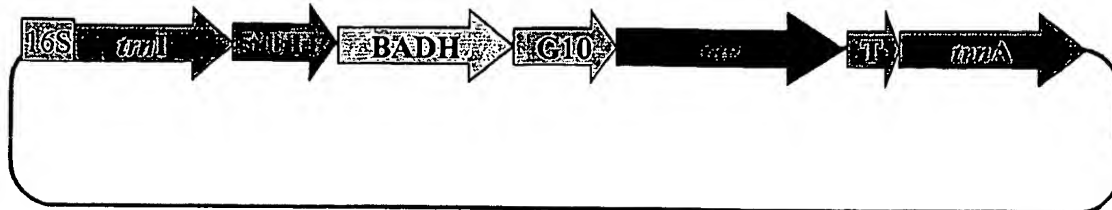


Figure 6



pTOM-BADH2-G10-pag ~8.8 kb

Figure 7

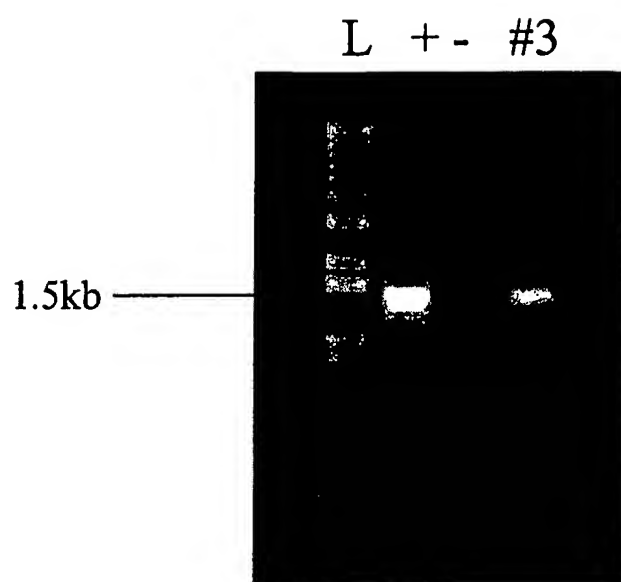
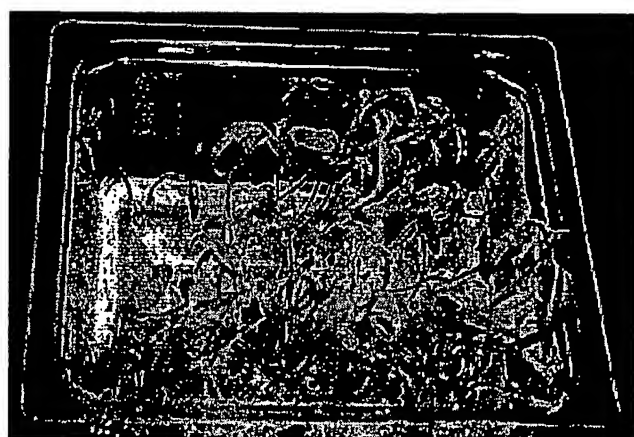
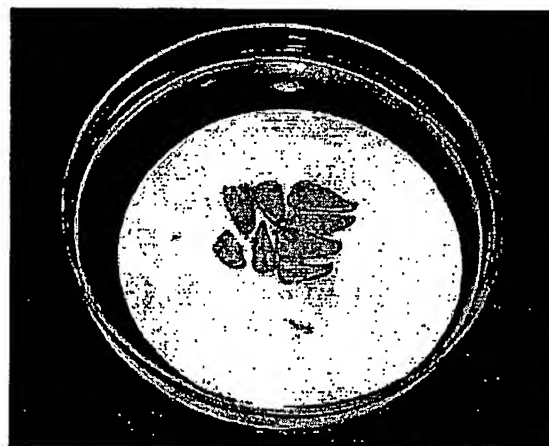


Figure 8



A



B

Figure 9

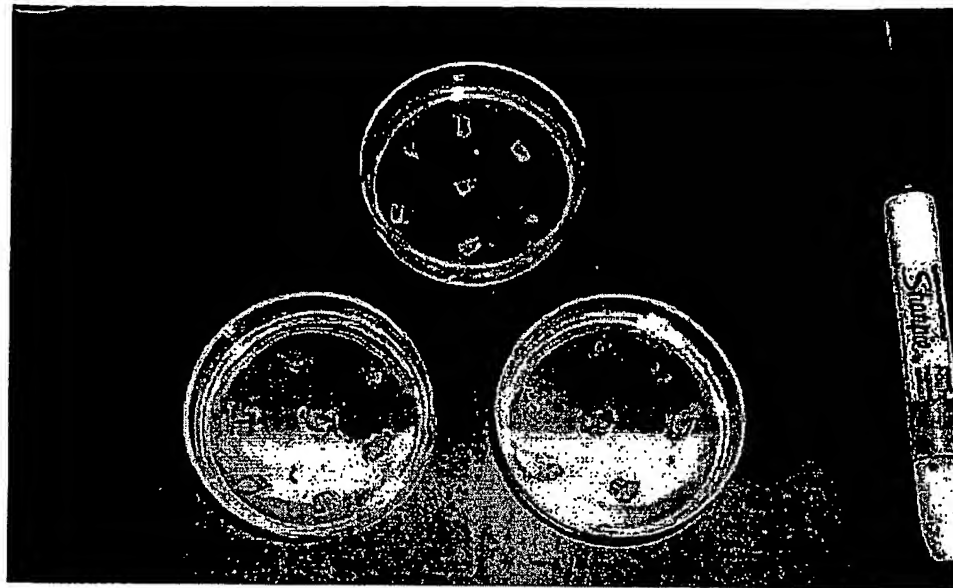


Figure 10

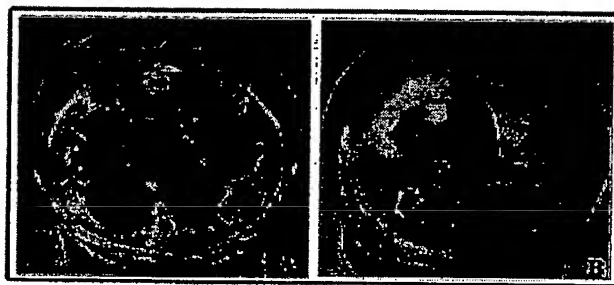


Figure 11

Response of tomato cotyledons transformed with pLD-Tom-BADH on RMOP supplemented with 2.5 mM betaine aldehyde. A. Wild type control B. Transformant

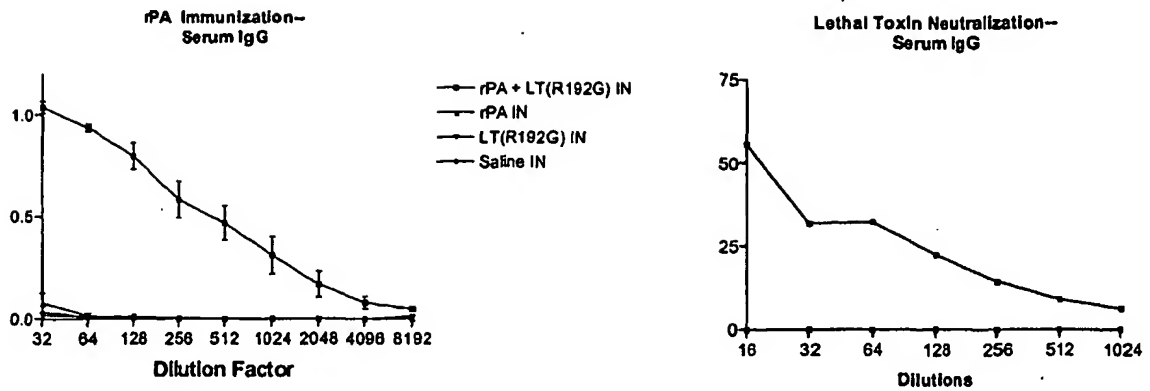


Figure 12

Construct: pLDS-F1V



Figure 13A



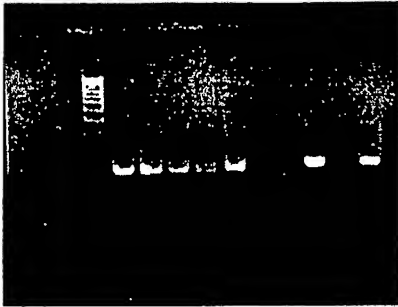
Figure 13B - Restriction Enzyme Analysis

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Figure 14A

1 2 3 4 5 6 7 8 9 10 11 12 13



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

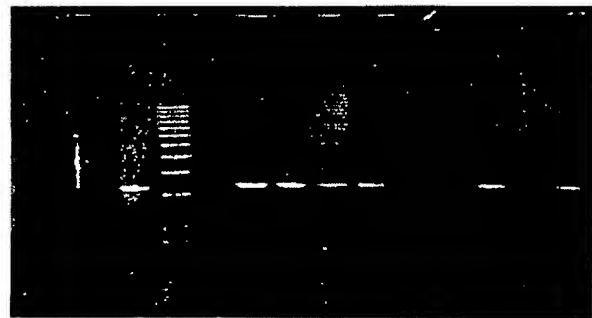


Figure 14B

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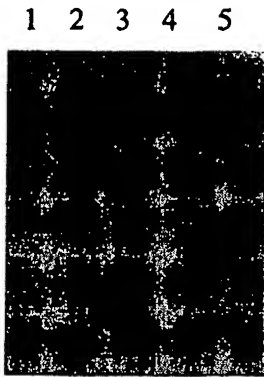
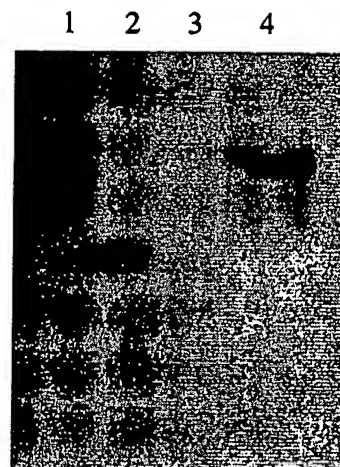
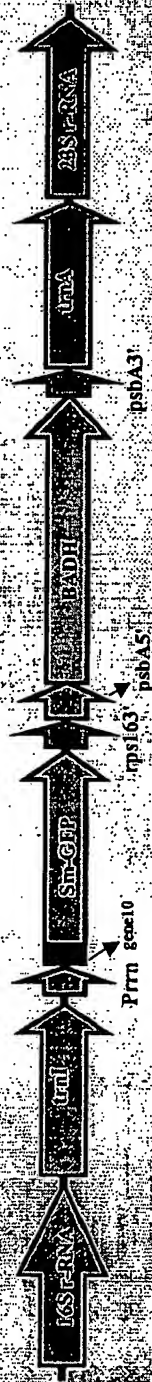
Figure 15a**Figure 15b**

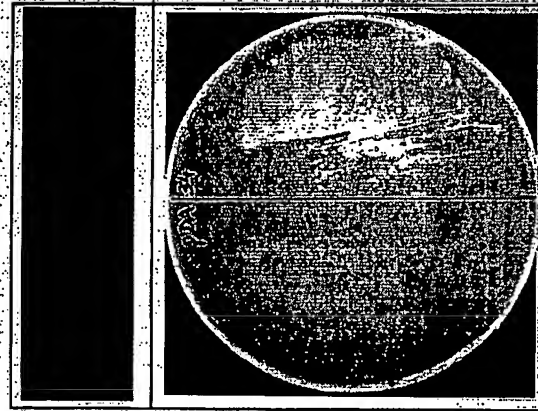
Figure 16



Maize Chloroplast Transformation Vector



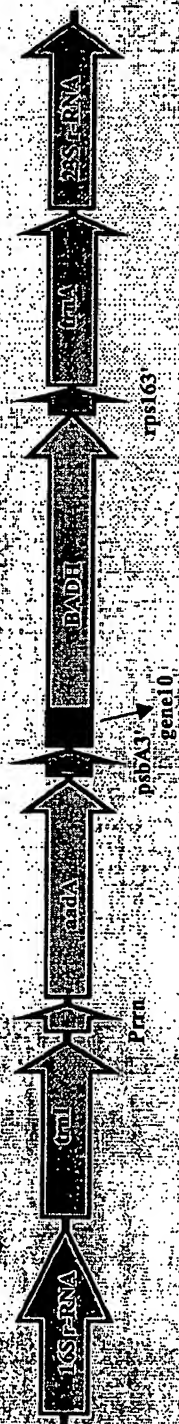
pDD34-ZM-gfp-BADH



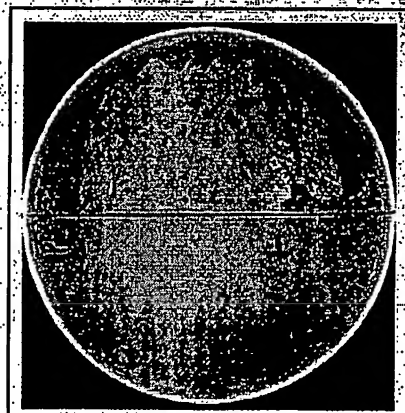
GFP expression in *E. coli*

Figure 17

Maize Chloroplast Transformation Vector



pDD33-ZM-aadA-BADH



E. coli cells grown on Spectinomycin

Figure 18

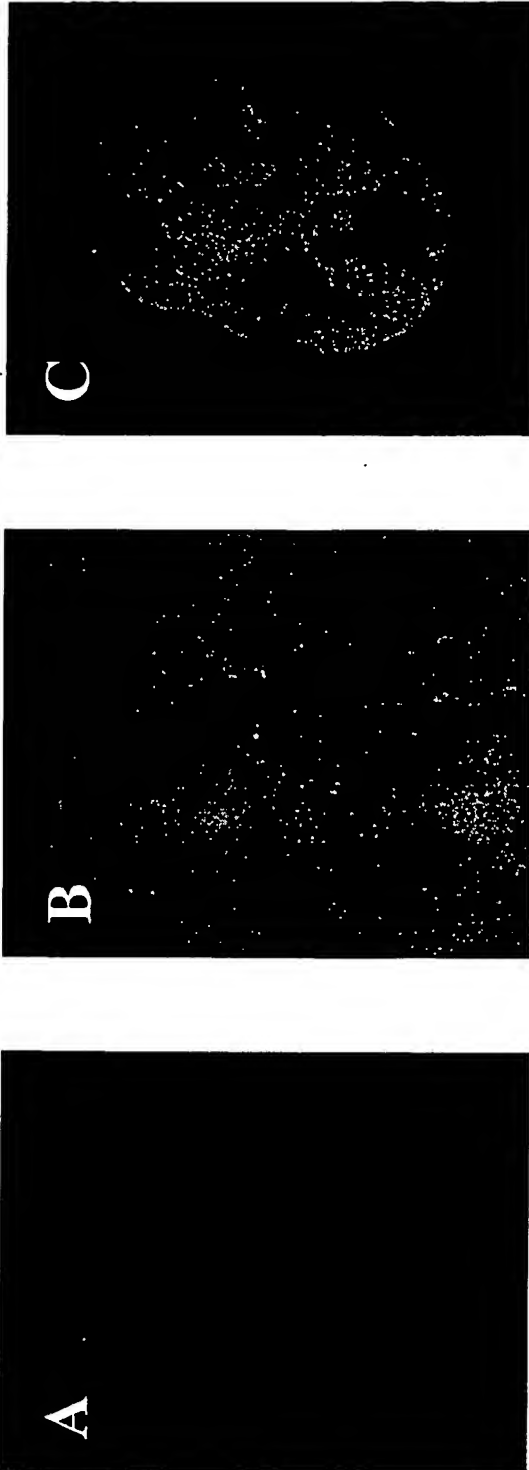


Figure 19

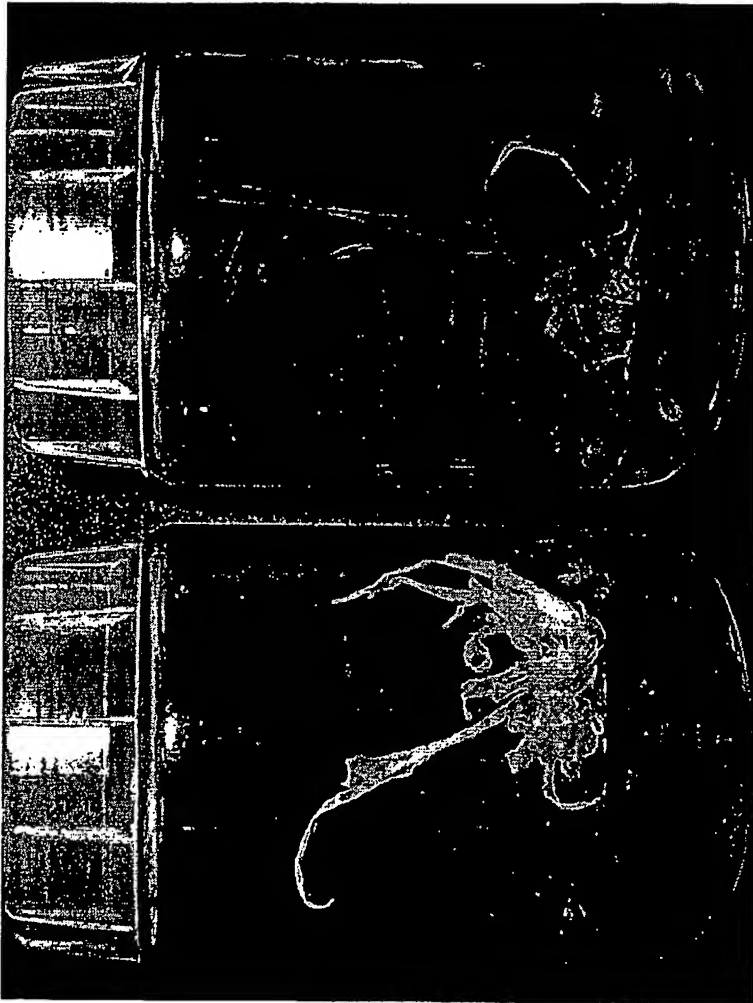


Figure 20A

M - 1 2 3 4 5 +

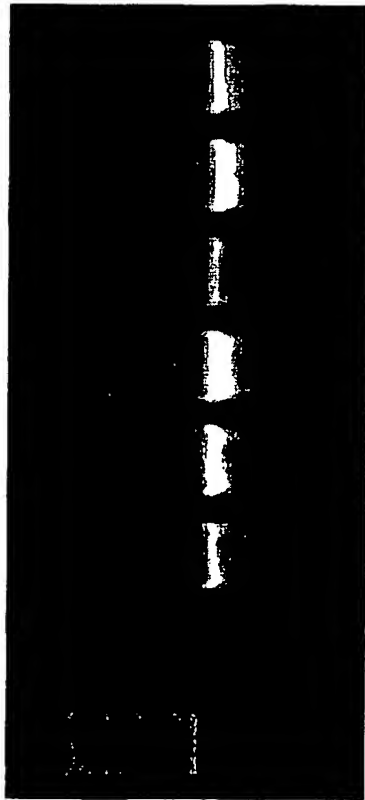
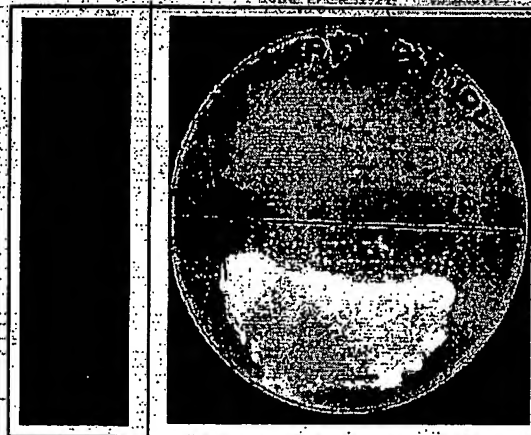
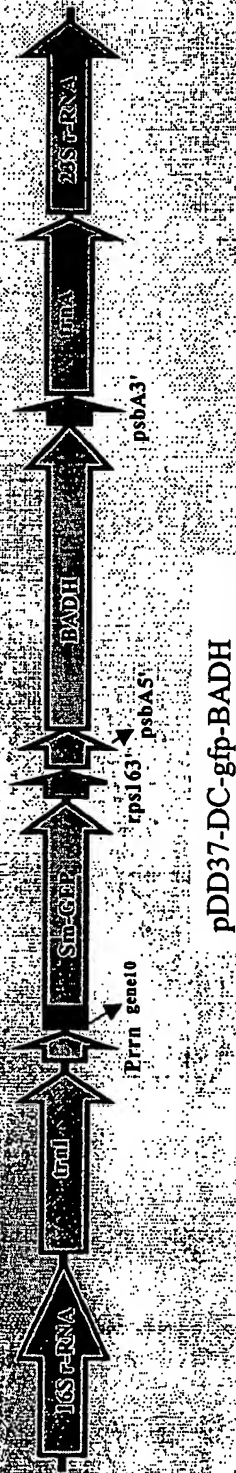


Figure 20B

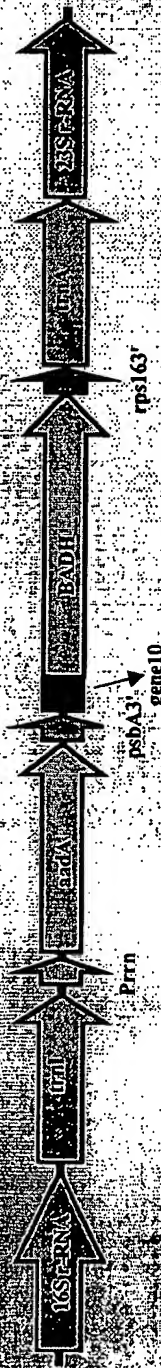
Carrot Chloroplast Transformation Vector



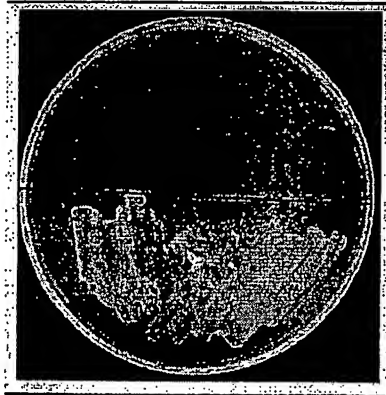
GFP expression in *E. coli*

Figure 21

Carrot Chloroplast Transformation Vector



pDD36-DC-aadA-BADH



E. coli cells grown on Spectinomycin

Figure 22

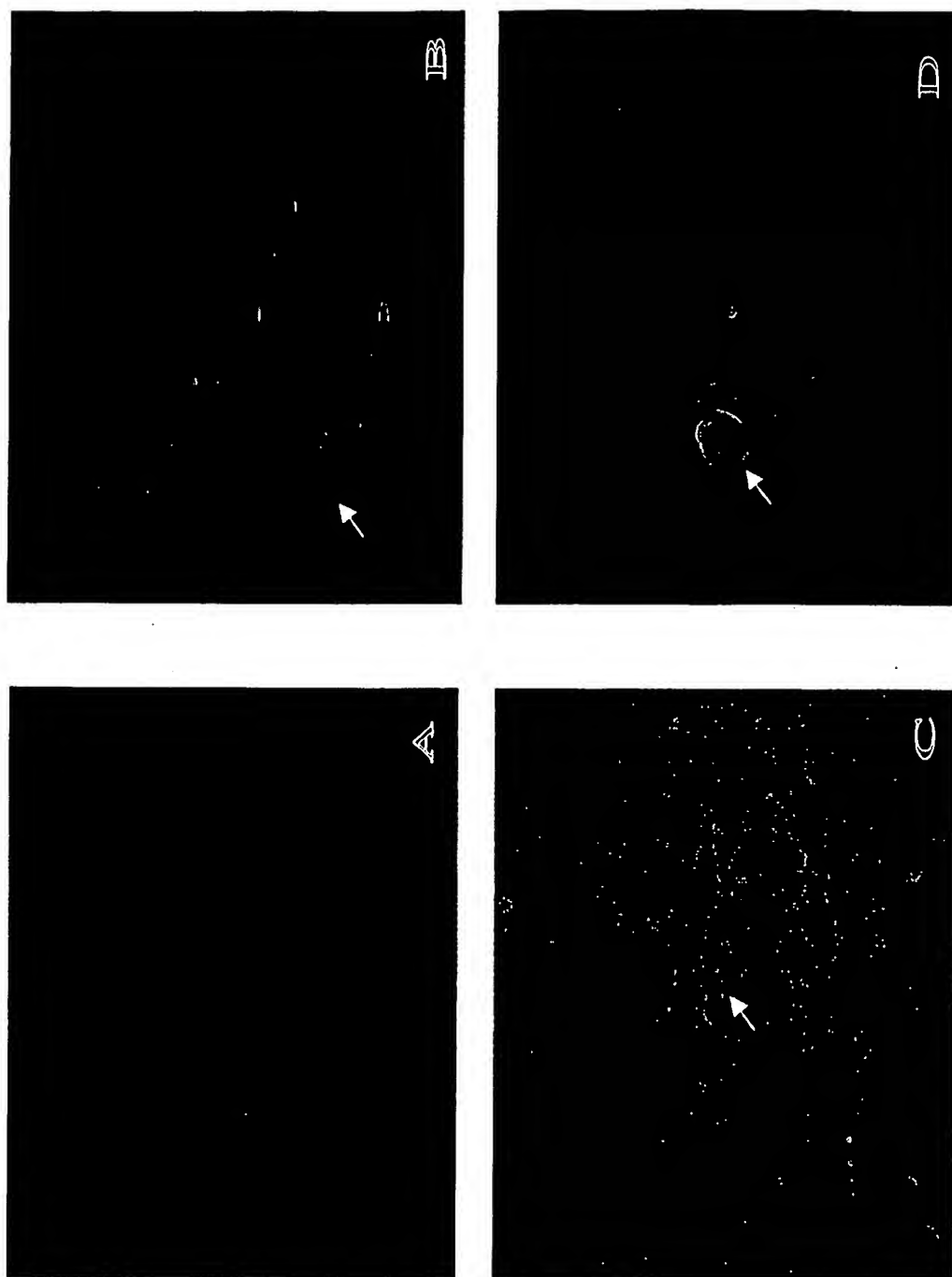
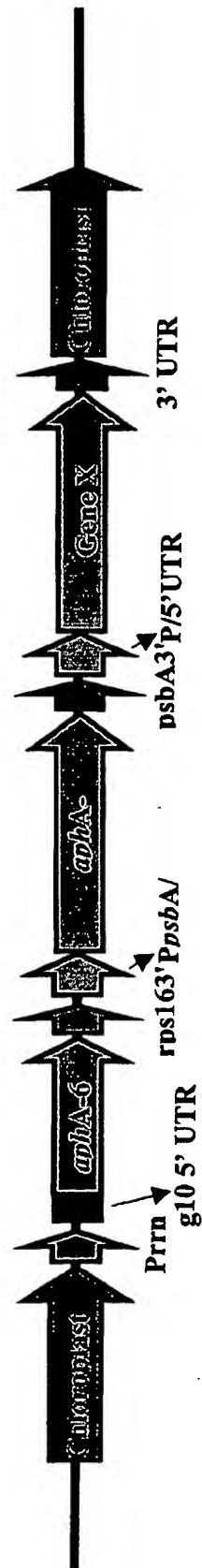


Figure 23 A-D



Double Barrel Plasmid Vector harboring *aphA-6* and *aphA-2* genes conferring resistance to aminoglycosides

Figure 24

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